

				ATTY DOCKET NO. <b>DR-352J</b>		SERIAL NO. <b>10/601,606</b>	
				Dubé <i>et al.</i>			
FILING <b>June 23, 2003</b>				GROUP <b>3641 3753</b>			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>JK</i>	6,337,212	Jan-8-02	Nagle <i>et al.</i>	436	174		
	6,322,683	Nov-27-01	Wolk <i>et al.</i>	204	600		
	6,321,791	Nov-27-01	Chow	137	833		
	6,293,012	Sep-25-01	Moles	29	890.124		
	6,251,343	Jun-26-01	Dubrow <i>et al.</i>	422	102		
	6,200,536	Mar-13-02	Tonkovich <i>et al.</i>	422	177		
	6,182,733	Feb-6-01	McReynolds	156	497		
	6,156,438	Dec-5-00	Gumm <i>et al.</i>	428	458		
	6,136,212	Oct-24-00	Mastrangelo <i>et al.</i>	216	49		
	6,123,798	Sep-26-00	Gandhi <i>et al.</i>	156	292		
	6,102,068	Aug-15-00	Higdon <i>et al.</i>	137	341		
<b>FOREIGN PATENT DOCUMENTS</b>							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>JK</i>	WO 98/07069	19-Feb-98	WIPO			<input checked="" type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>JK</i>	van den Berg <i>et al.</i> : "Micro Total Analysis Systems: Microfluidic Aspects, Integration Concept and Applications" Topics in Current Chemistry, Vol. 194, Springer Verlag Berlin Heidelberg 1998, pp. 22-49 Mensinger, <i>et al.</i> : "Microreactor with Integrated Static Mixer and Analysis System", 1995 Kluwer Academic Publishers, Printed in the Netherlands, pp. 237-243						
<i>1</i>	van der Schoot <i>et al.</i> : "Microsystems for Analysis in Flowing Solutions" © 1995 Kluwer Academic Publishers, Printed in the Netherlands, pp. 181-190 Baltes <i>et al.</i> : "CMOS Integrated Microsystems and Nanosystems", Part of the SPIE Conference on Smart Electronics and MEMS, Newport Beach, California, March 1999, SPIE Vol. 3673, 0277-786X/99, pp. 2-10						
EXAMINER <i>JK</i>				DATE CONSIDERED <i>2/05</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

DR-352J

SERIAL NO.

10/601,606

Dubé *et al.*

FILING

June 23, 2003

GROUP

3641

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JR	6,086,740	Jul-11-00	Kennedy	204	601	
	6,082,185	Jul-4-00	Saaski	73	64.56	
	6,073,482	Jun-13-00	Moles	73	53.01	
	5,932,799	Aug-3-99	Moles	73	53.01	
	5,788,468	Aug-4-98	Dewa <i>et al.</i>	417	415	
	5,718,567	Feb-17-98	Rapp <i>et al.</i>	417	395	
	5,376,252	Dec-27-94	Ekström <i>et al.</i>	204	299	
	4,489,863	Dec-25-84	Horchos <i>et al.</i>	222	504	
	3,811,474	May-21-74	Bauer <i>et al.</i>	137	833	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR	Terry <i>et al.</i> : "A Gas Chromatographic Air Analyzer Fabricated on a Silicon Wafer", IEEE Transactions on Electron Devices, Vol. ED-26, No. 12, December 1979, pp 1880-1887
	Martin <i>et al.</i> : "Laminated plastic microfluidic components for biological and chemical systems", 1999 American Vacuum Society, J. Vac. Sci. Technol. A 17(4), Jul/Aug 1999, pp. 2264-2269
	Webster <i>et al.</i> : "Monolithic Capillary Electrophoresis Device with Integrated Fluorescence Detector", ©2001 American Chemical Society, Published on Web 02/23/2001, Anal. Chem. 2001, 73, pp 1622-1626
	Roulet <i>et al.</i> : "Performance of an Integrated Microoptical System for Fluorescence Detection in Microfluidic Systems" Institute of Microtechnology, University of Neuchâtel, ©2002 Anal. Chem. 2002, 74, pp 3400-3407

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2/05

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DR-352J

SERIAL NO.

10/601,606

Dubé *et al.*

FILING

June 23, 2003

GROUP

3641

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR		Meng <i>et al.</i> : "A Check-Valved Silicone Diaphragm Pump" Caltech Micromachining Lab, 136-93, Caltech, Pasadena, CA, 6 pages
		Dubé <i>et al.</i> : "A Si-Based FPW Sensor Array System with Polymer Microfluidics Integrated on a PCB", The Charles Stark Draper Laboratory, Cambridge, MA, 6 pages
1		Michel <i>et al.</i> : "Printing meets lithography: Soft approaches to high-resolution patterning", IBM J. Res. & Dev., Vol. 45 No. 5, September 2001, pp. 697-719
		Quake <i>et al.</i> : "From Micro- to Nanofabrication with Soft Materials", SCIENCE (www.sciencemag.org) Vol. 290, 24 November 2000, pp. 1536-1540

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DATE CONSIDERED

2/05

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# INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.

DR-352.1

APPLICATION NO.

10/601,606

APPLICANT(S)

Dubé et al.

FILING DATE

June 23, 2003

GROUP ART UNIT

3641

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR		Jager et al.: "Microfabricating Conjugated Polymer Actuators" SCIENCE (www.sciencemag.org), Vol. 290, 24 November 2000, pp. 1540-1545
		Kim et al.: "Fabrication and Test of an Electromagnetic Micro Actuator with a Planar Coil on a Parylene Diaphragm", MEMS-Vol. 2, Micro-Electro-Mechanical Systems (MEMS) - 2000, pp. 281-286
1		Bianchi et al.: "Electroosmotic Flow in Composite Microchannels and Implications in Microcapillary Electrophoresis Systems" Analytical Chemistry, Vol 73, No. 4, February 15, 2001, pp. 829-836
		Z. Cui, Rutherford Appleton Laboratory, UK: "A Knowledge Base for Microfluidic Devices", www.cmf.rl.ac.uk/CCMicro/info_microfluidics, 15 pages

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>DR-352J</b>		APPLICATION NO. <b>10/601,606</b>	
				Dubé <i>et al.</i>			
				FILING <b>June 23, 2003</b>		GROUP ART <b>3641</b>	

  

U.S. PATENT DOCUMENTS							
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U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

  

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
			Morris <i>et al.</i> : "Optimization of a circular piezoelectric bimorph for a micropump driver" Mechanical Engineering Department, University of Washington, Seattle, WA, February 2000, 7 pages

  

EXAMINER 	DATE CONSIDERED <b>2/05</b>
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